

FIG. 1 (a)

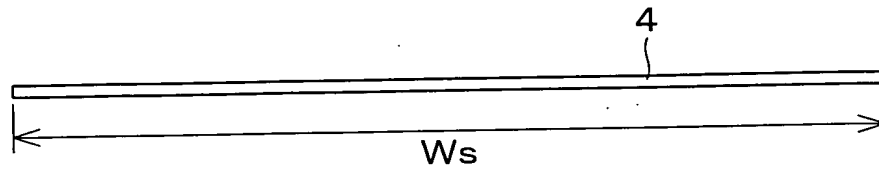


FIG. 1 (b)



FIG. 1 (c)

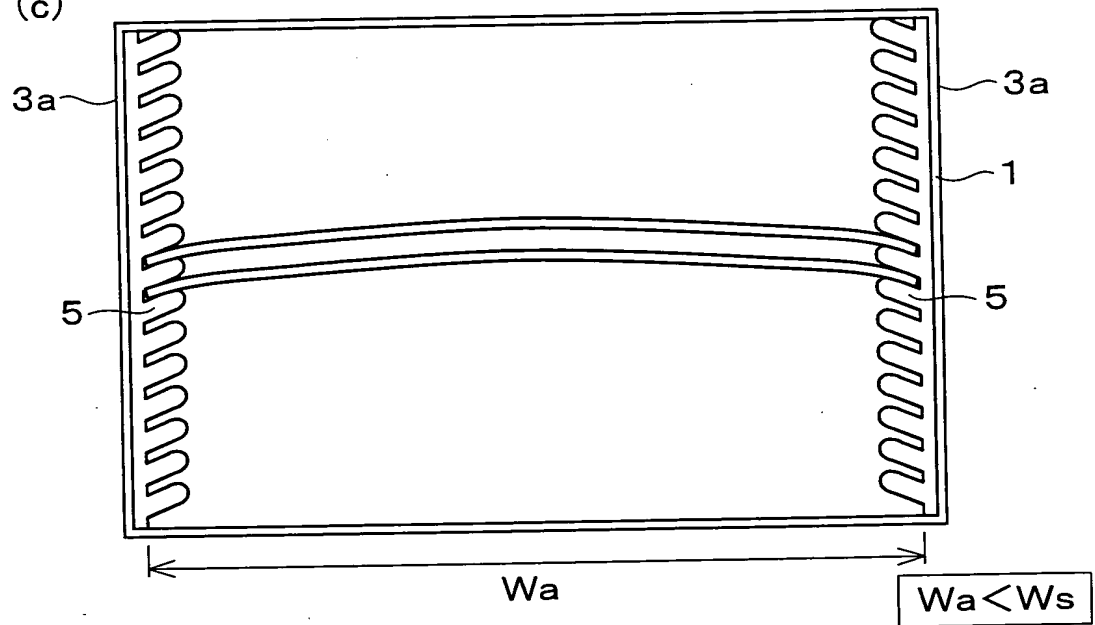


FIG. 1 (d)

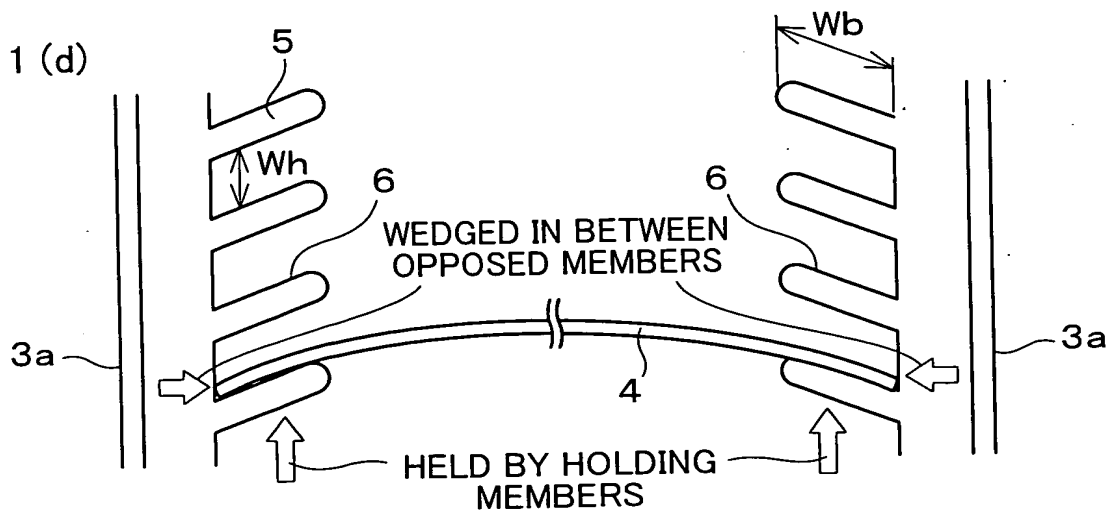


FIG. 2

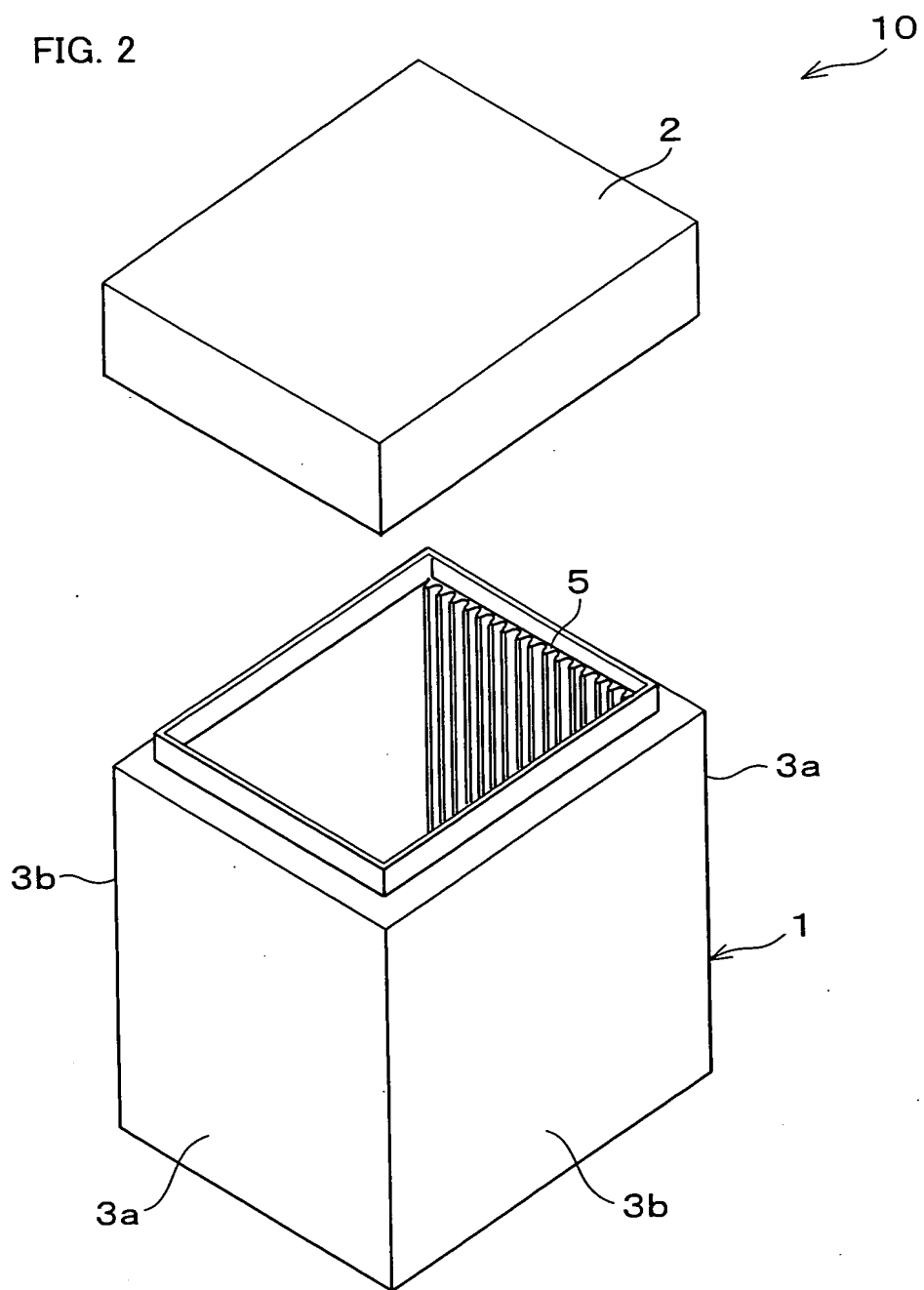


FIG. 3

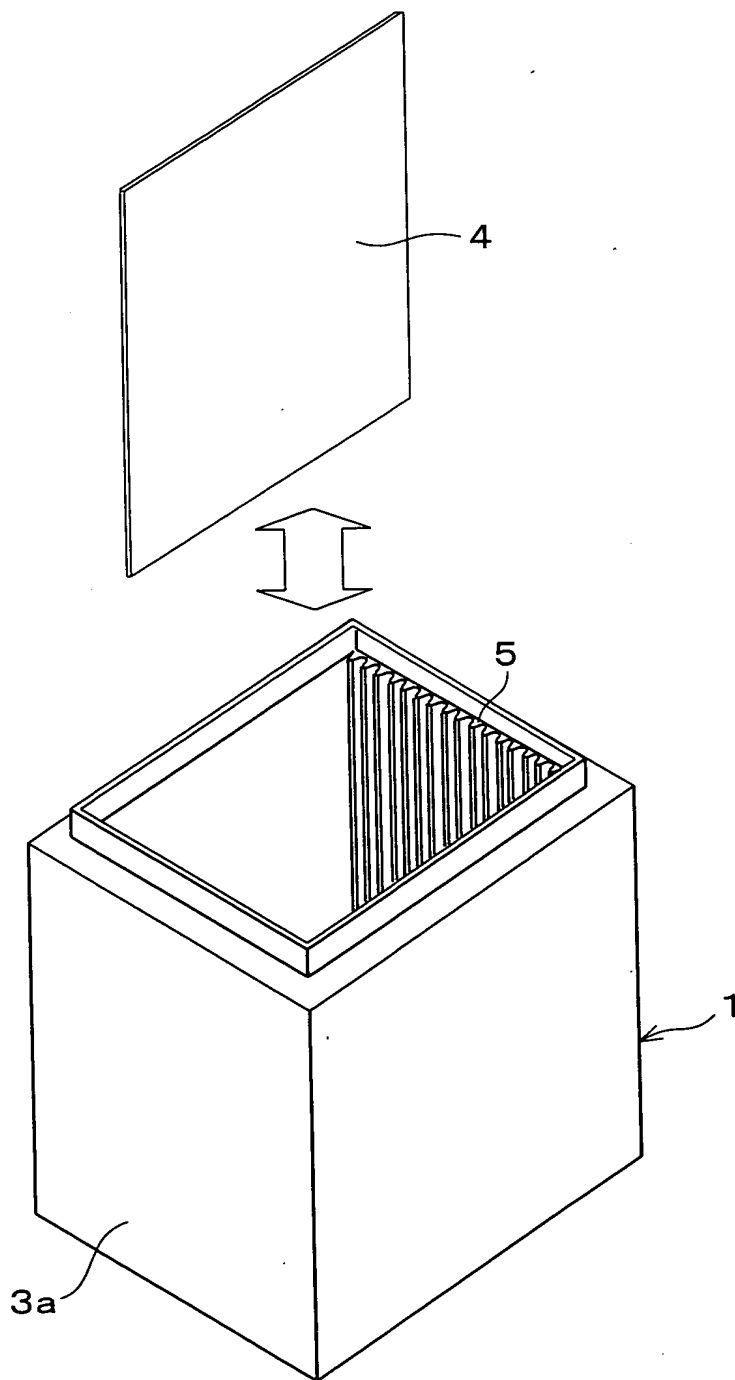


FIG. 4

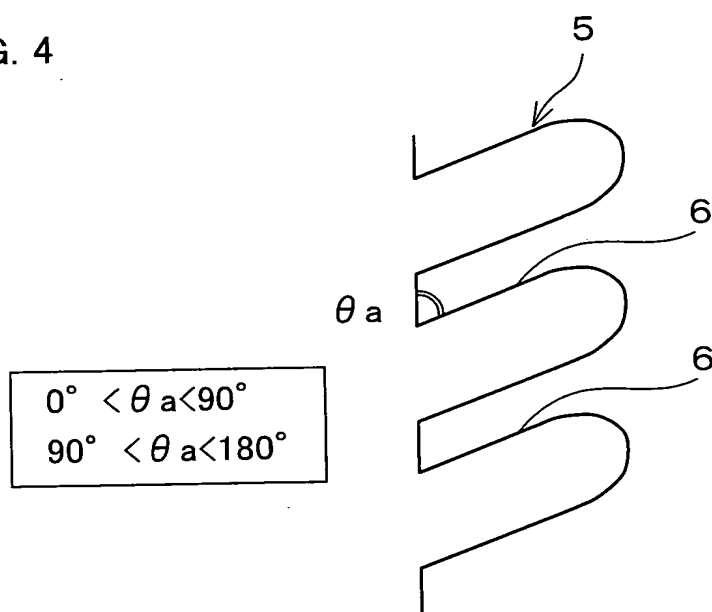


FIG. 5

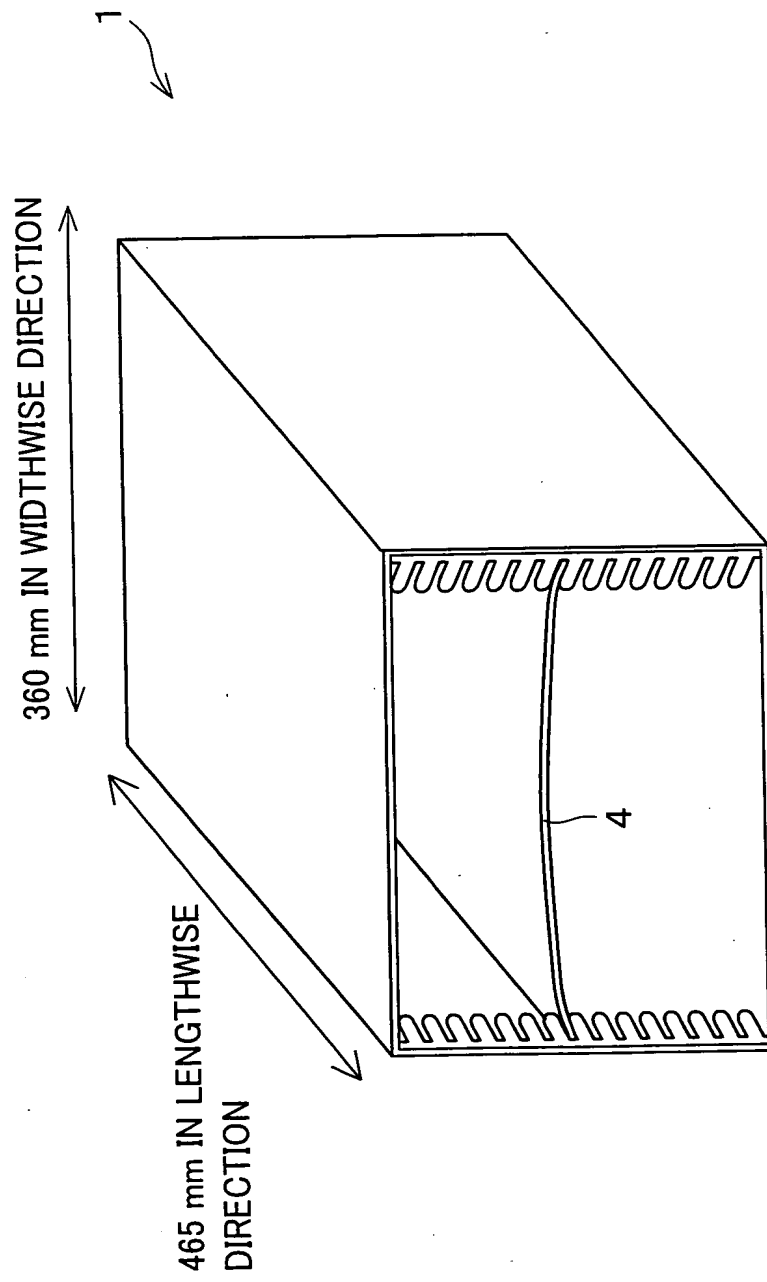


FIG. 6 (a)

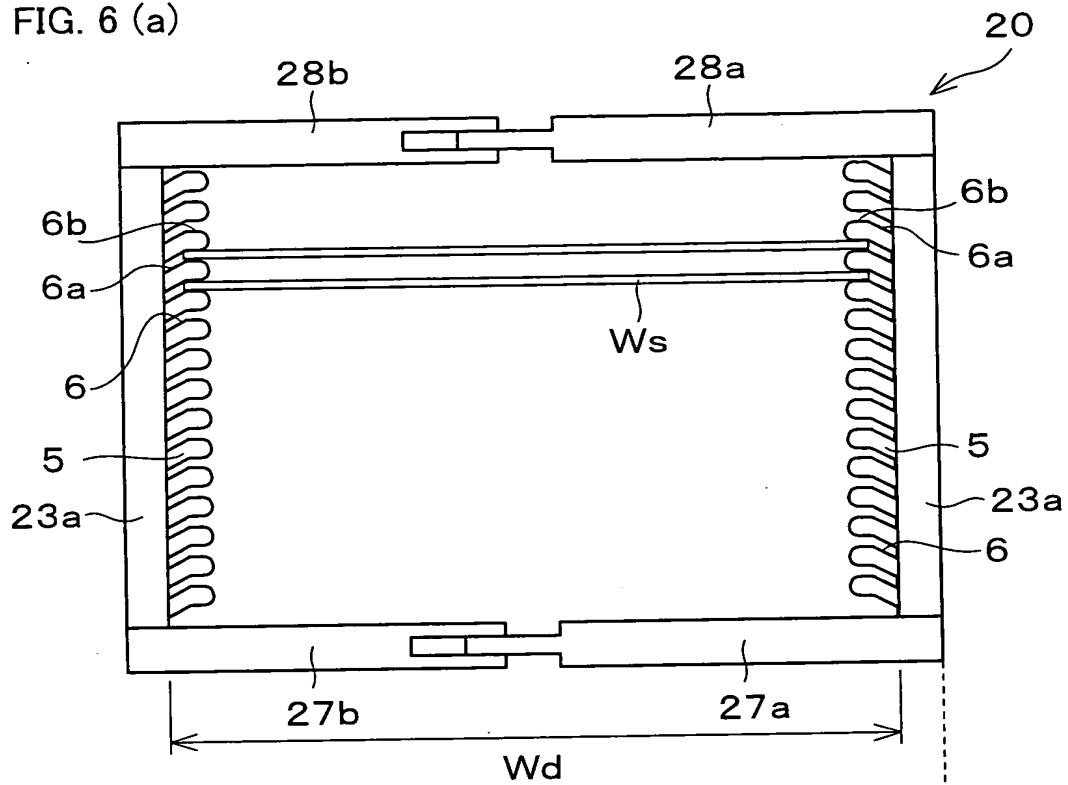


FIG. 6 (b)

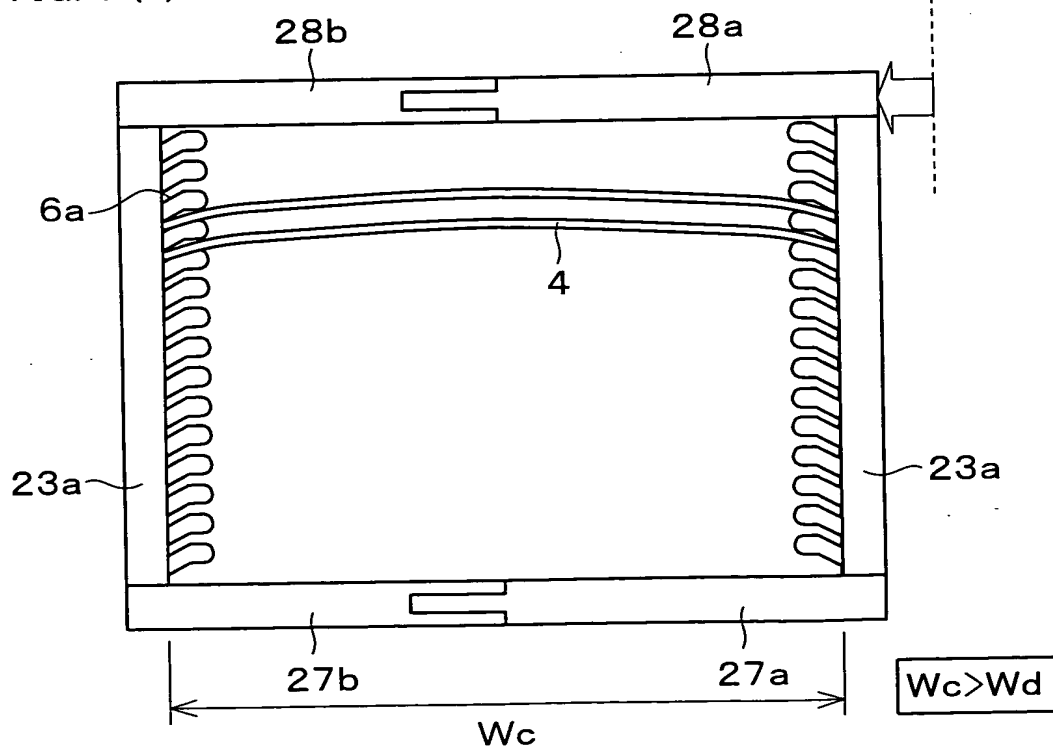
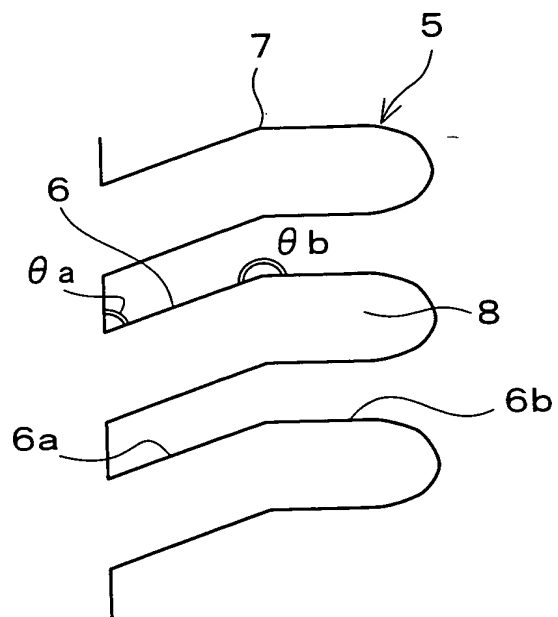


FIG. 7



$$0^{\circ} < \theta a < 90^{\circ}$$
$$90^{\circ} < \theta a < 180^{\circ}$$

$$\theta b \neq 180^{\circ}$$

FIG. 8 (a)

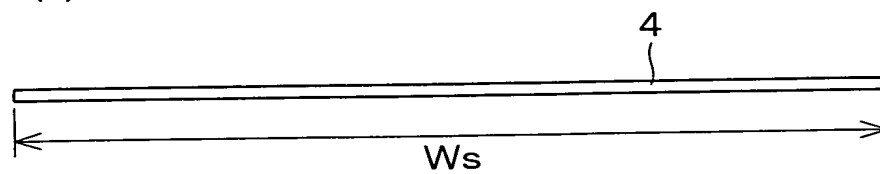


FIG. 8 (b)

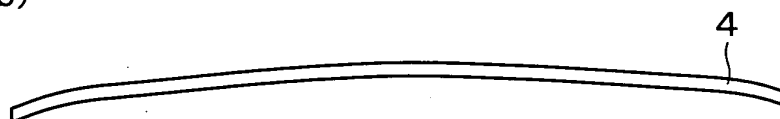


FIG. 8 (c)

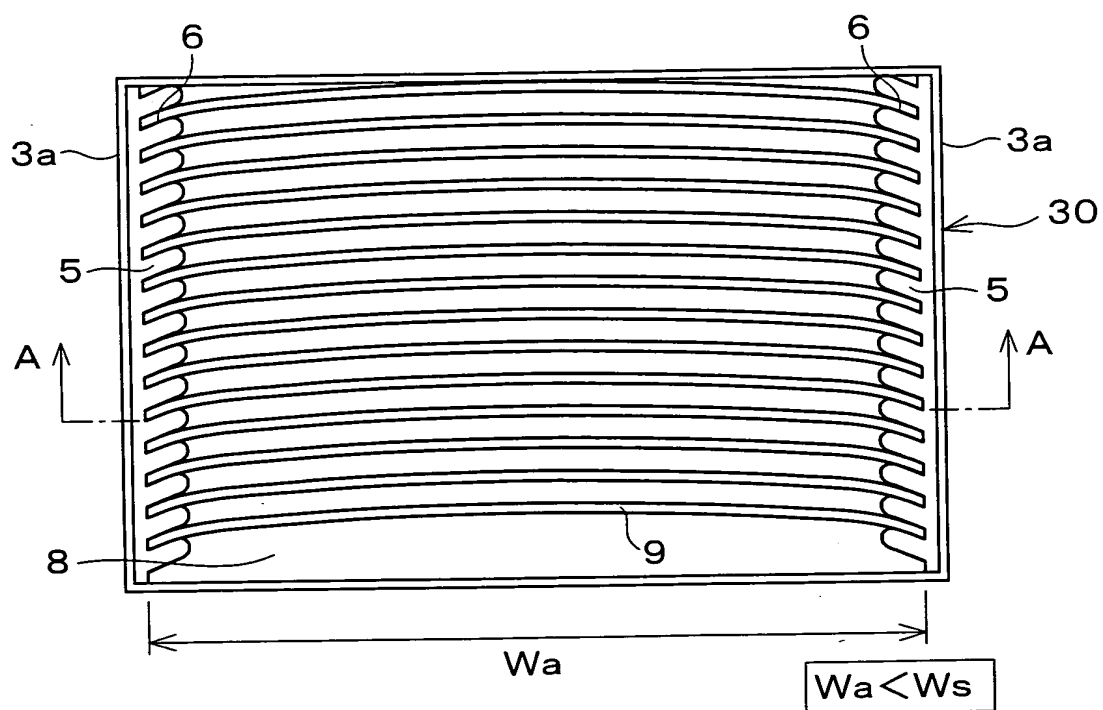


FIG. 9

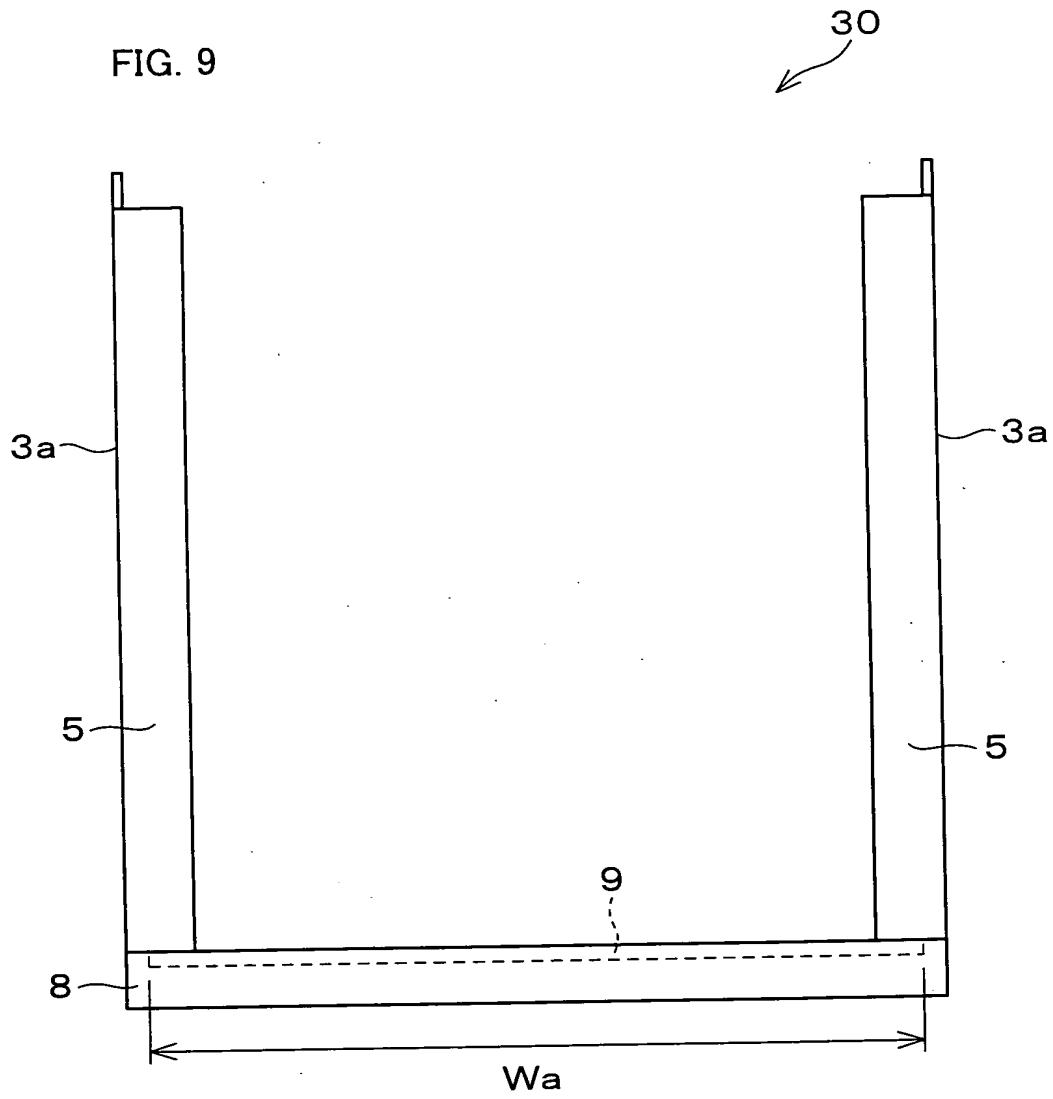


FIG. 10 (a)

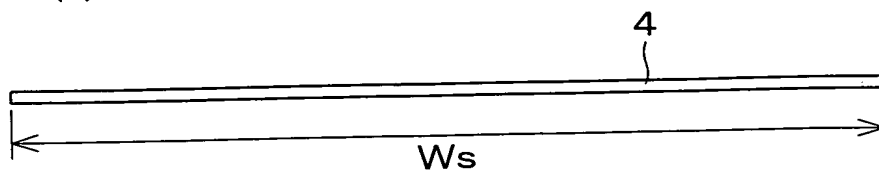


FIG. 10 (b)



FIG. 10 (c)

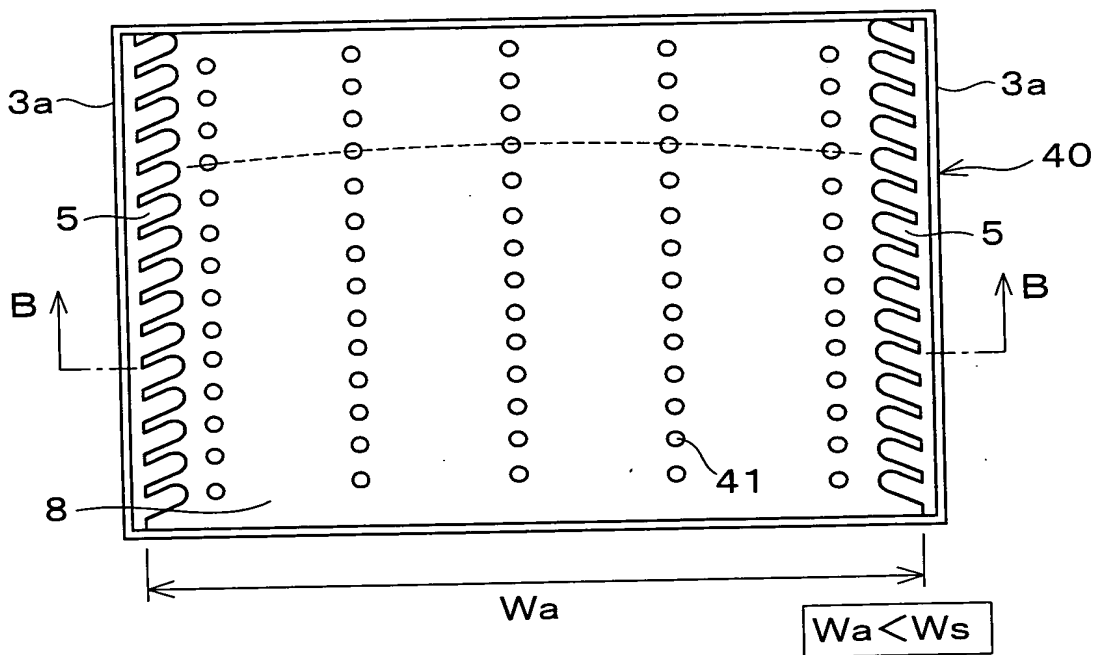
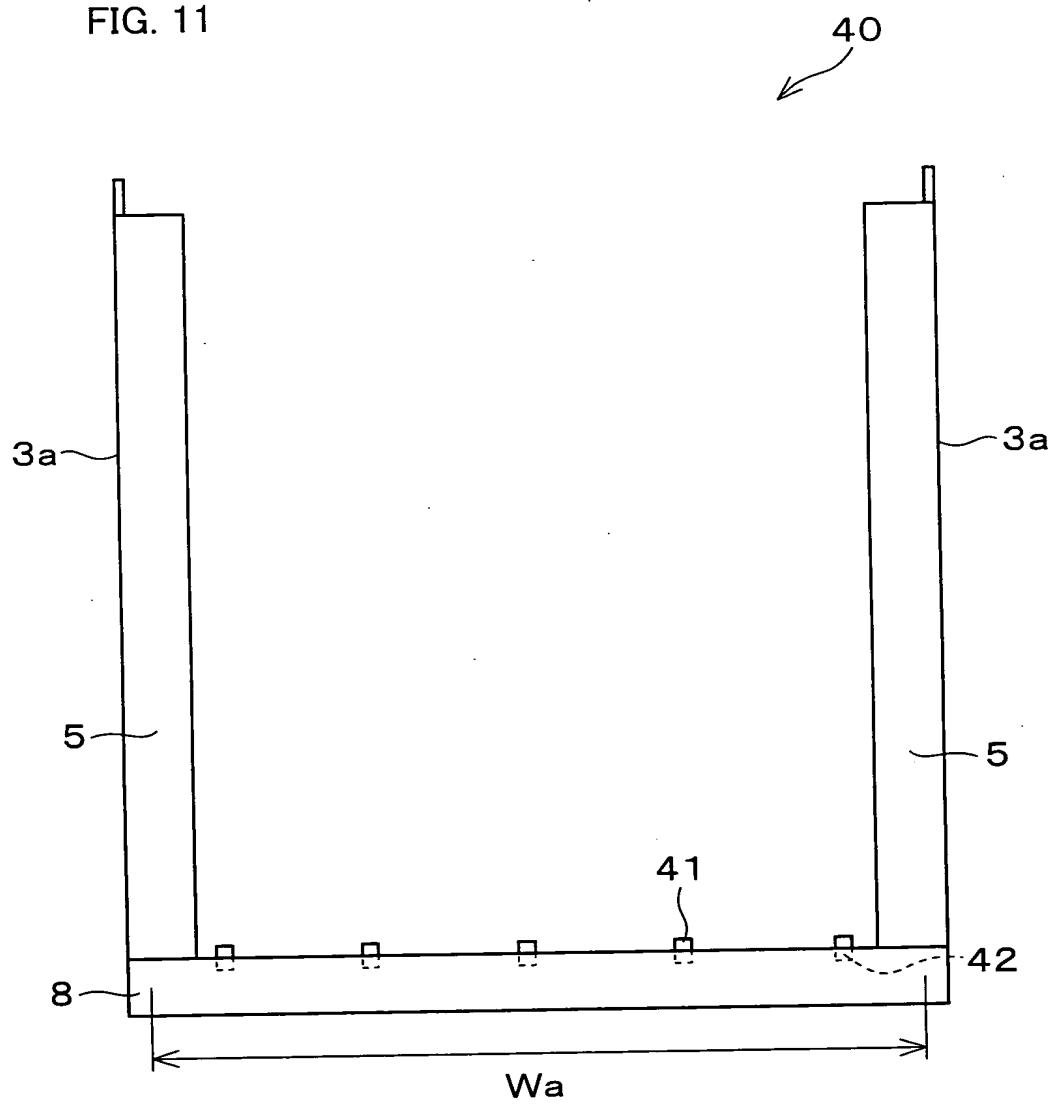


FIG. 11



SHAPE OF SUBSTRATE
WHEN SEEN FROM ABOVE

LINEAR

STATE OF PLASTIC SUBSTRATE

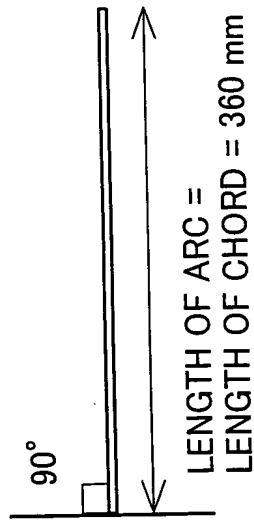


FIG. 12 (a)

WITH NO FORCE APPLIED

ARCURATE

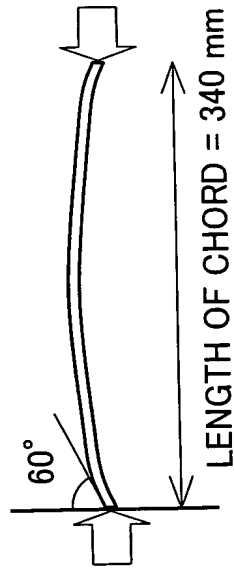


FIG. 12 (b)

WITH WEAK FORCE APPLIED

U-SHAPED

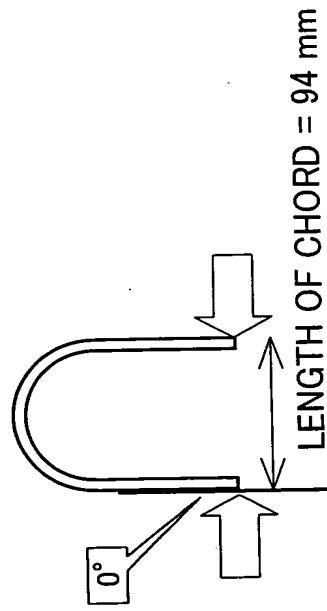


FIG. 12 (c)

WITH STRONG FORCE APPLIED

FIG. 13

PLASTIC SUBSTRATE

360 mm (WIDTH) x 465 mm (LENGTH) x 0.2 mm (THICKNESS)

SUBSTRATE IN CURVED SHAPE		STATE OF SUBSTRATE AFTER BEING RELEASED FROM WEDGED STATE IN CURVED SHAPE		COMPREHENSIVE EVALUATION
ANGLE θ pls	STABILITY			
90	x	O		x
76	Δ	O		Δ
69	O	O		O
67	O	O		O
60	O	O		O
54	O	O		O
44	O	O		O
35	O	O		O
33	O	O		O
19	O	x		x
3	O	x		x
2	O	x		x
0	O	x		x

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SUBSTRATE WIDTH
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INITIAL STATE

IN CONCLUSION,
20° TO 70° IS
PREFERABLE.

O: SUBSTRATE IS FORMED BACK IN ORIGINAL SHAPE BEFORE BEING CURVED
x: SUBSTRATE HAS A HABIT IN CURVED SHAPE.

O: SUBSTRATE IS STABLY SELF-SUPPORTED.
 Δ : SUBSTRATE IS UNSTABLE AND IS NOT SELF-SUPPORTED
(ITS STABILITY IS BETTER THAN x)
x: SUBSTRATE IS COMPLETELY NO SELF-SUPPORTED.

FIG. 14

GLASS SUBSTRATE

360 mm (WIDTH) x 465 mm (LENGTH) x 0.7 mm (THICKNESS)

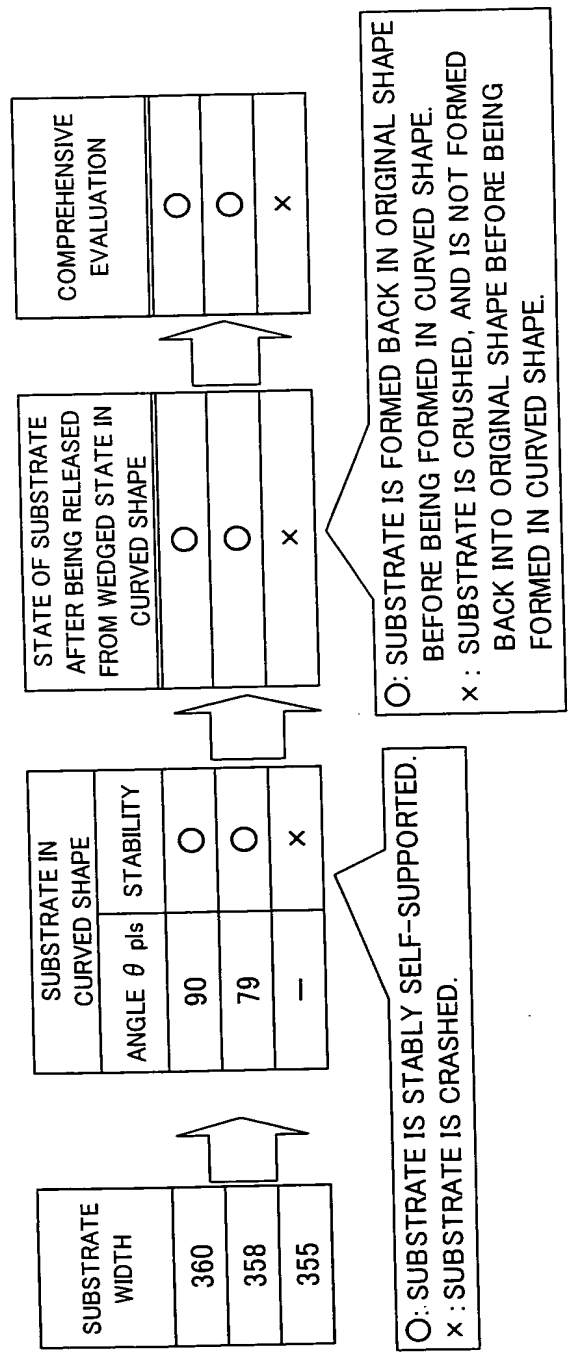


FIG. 15 (a)

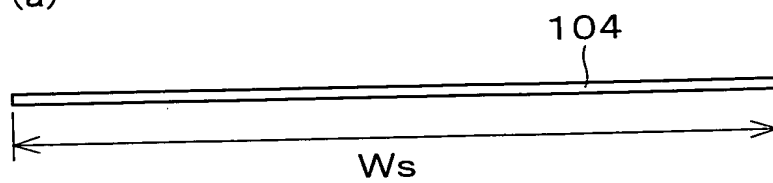


FIG. 15 (b)

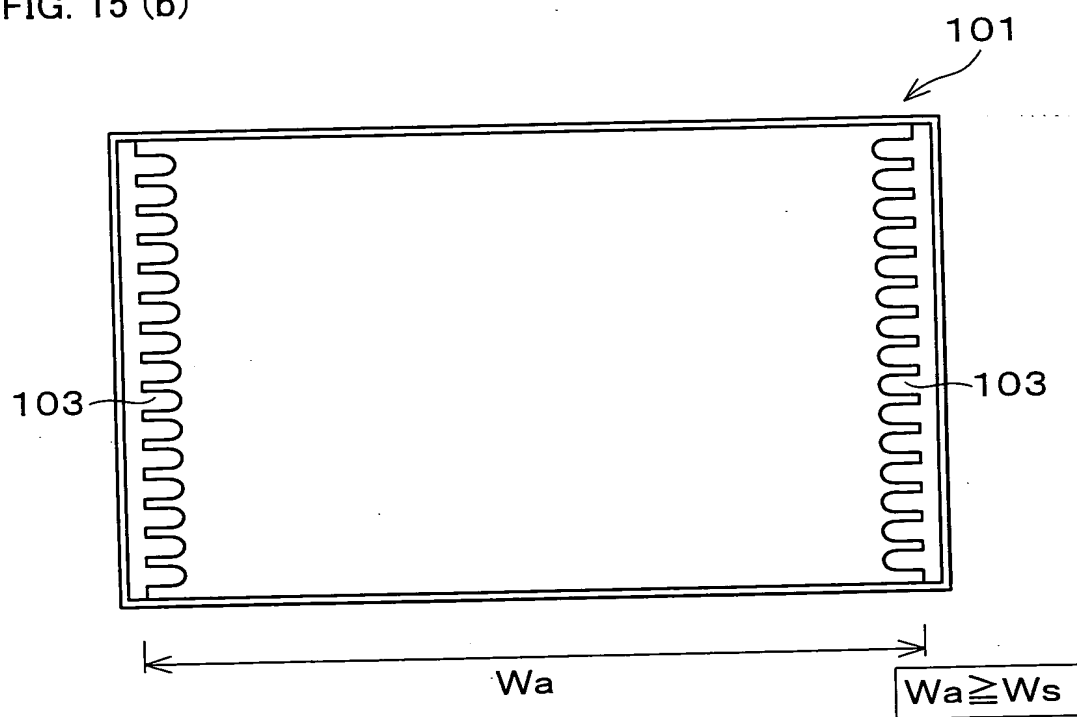


FIG. 16

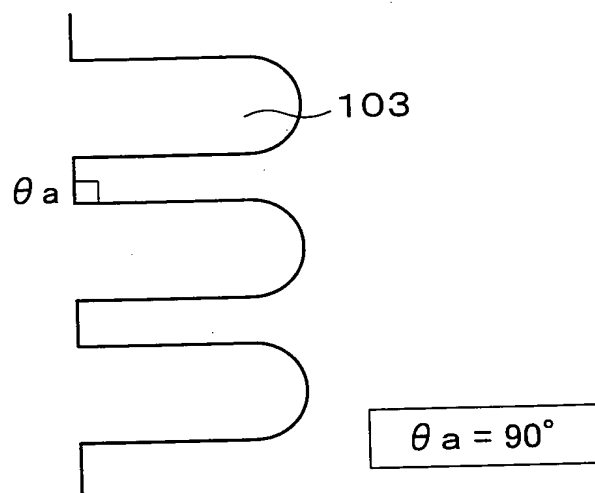


FIG. 17

